

CLAIMS:

What is claimed is:

- 5 1. An interactive graphic user interface for use with a digital jukebox computer system comprising digitally encoded music in a digitally encoded file format, wherein said graphic user interface allows a user to view and manipulate the encoded CDs and select songs from said encoded compact discs to be played or supplied.
- 10 2. The interactive graphic user interface according to claim 1, wherein said encoded file format is selected from the group consisting essentially of Motion Picture Experts Group Level 1 Audio Level-3 (MP3) and other formats which can be digitally encoded.
- 15 3. The interactive graphic user interface according to claim 1, wherein said interface enables non-sequential browsing of the plurality of digitally encoded CDs.
4. The interactive graphic user interface according to claim 1, wherein said interface includes touch screen means for utilizing said interface.
- 20 5. The interactive graphic user interface according to claim 1, wherein said touch screen means includes a touch screen keyboard.
6. The interactive graphic user interface according to claim 1, wherein said interface further comprises searching means for searching said compact discs.
- 25 7. The interactive graphic user interface according to claim 6, wherein said searching means searches one from the group consisting essentially of song title, author, artist, and CD title.
8. The interactive graphic user interface according to claim 1, wherein said interface includes access means for limiting access to the interface.
9. The interactive graphic user interface according to claim 8, wherein said access means is a password.
- 30 10. The interactive graphic user interface according to claim 1, wherein said interface further comprises a money acceptor.

11. The interactive graphic user interface according to claim 10, wherein said money acceptor accepts at least one from the group consisting essentially of money, tokens, credit cards, and passcards.

12. The interactive graphic user interface according to claim 1, wherein said interface further comprises analysis means for analyzing data accumulated regarding said compact discs.

13. The graphic user interface according to claim 12, wherein said analysis means analyzes data selected from the group consisting essentially of number of plays, money accepted, and frequency of plays.

14. An interactive jukebox comprising digitally encoded compact discs in a digitally encoded file and a graphic user interface to playing said compact discs, wherein said graphic user interface allows a user to view and manipulate the encoded CDs and select songs from said encoded CDs to be played or supplied.

15. The interactive jukebox according to claim 14, wherein said encoded file format is selected from the group consisting essentially of Motion Picture Experts Group Level 1 Audio Level-3 (MP3) and other formats which can be digitally encoded.

16. The interactive jukebox according to claim 14, wherein said interface enables non-sequential browsing of the plurality of digitally encoded CDs.

17. The interactive jukebox according to claim 14, wherein said interface includes touch screen means for utilizing said interface.

18. The interactive jukebox according to claim 14, wherein said touch screen means includes a touch screen keyboard.

19. The interactive jukebox according to claim 14, wherein said interface further comprises searching means for searching said compact discs.

20. The interactive jukebox according to claim 19, wherein said searching means searches one from the group consisting essentially of song title, author, artist, and CD title.

21. The interactive jukebox according to claim 14, wherein said interface includes access means for limiting access to the interface.

22. The interactive jukebox according to claim 21, wherein said access means is a password.

23. The interactive jukebox according to claim 14, wherein said interface further comprises a money acceptor.

24. The interactive jukebox according to claim 23, wherein said money acceptor accepts at least one from the group consisting essentially of money, tokens, credit cards, and passcards.

25. The interactive jukebox according to claim 14, wherein said interface further comprises analysis means for analyzing data accumulated regarding said compact discs.

26. The jukebox according to claim 25, wherein said analysis means analyzes data selected from the group consisting essentially of number of plays, money accepted, and frequency of plays.

27. An interactive graphic user interface for use with a computer system, comprising:

determining means for determining the identity of at least one of a plurality of encoded audio compact discs stored on the computer system;

accumulating means for accumulating statistical information regarding at least the identity, age, and playback frequency of at least one of the plurality of encoded CDs;

communicating means for communicating with a bill acceptor regarding at least the denomination of any valid currency accepted, detection of a jammed bill, the detection of a full currency stacker, detection of a general failure, and detection of a rejected bill of the bill acceptor ;

rendering means for rendering an audio stream suitable for connection to an external amplifier or supplying the name of a file which contains a digitally encoded song and automatically triggering the playing of the song by another player stored on said computer system;

wherein said graphic user interface allows a user to view and manipulate the encoded CDs and select songs from said encoded CDs to be played or supplied to said player.